

## ABSTRACT OF THE DISCLOSURE

A'

A novel solid polymeric lubricant composition, when packed into a rolling bearing, does not increase the rotational torque of the bearing, and packs and forms in the bearing void-free and prevents seizure from occurring when the rolling bearing is rotated. The kinematic viscosity of lubricating oil which is the base oil to be mixed with a polymer is set to be low, particularly in a range of 10 to 200 mm<sup>2</sup>/s at 40°C, and an extreme pressure additive and/or an antiwear agent is blended with the lubricating oil. Because the viscosity of the solid polymeric lubricant composition before solidification is relatively low, the composition is thoroughly distributed in the bearing, thereby reducing the rotational torque of the bearing. Furthermore, the extreme pressure additive and/or the antiwear agent help prevent seizure.


2025-04-01 09:55:00

**REMARKS**

This provides an Abstract not exceeding about 150 words and of a single paragraph as required.

Respectfully submitted,

JORDAN AND HAMBURG LLP

By   
C. Bruce Hamburg  
Reg. No. 22,389  
Attorney for Applicant

122 East 42nd Street  
New York, New York 10168  
(212) 986-2340

2025-04-04 10:05:48